

Louisiana—Baton Rouge Barracks, 40°, 89°; Okalooska, 46°, 89°; Shreveport, 44°, 88°. *Texas*—Fort McKavett, 34°, 90°; New Ulm, 51°, 92°; Brackettville, 45°, 95°; Rio Grand City, 51°, 109°. *Indian Territory*—Fort Sill, 32°, 91°; Fort Gibson, 36°, 87°. *Missouri*—Corning, 33°, 80°; Oregon, 34°, 87°; Springfield, 40°, 86°. *Iowa*—Logan, 26°, 80°; Guttenburg, 28°, 78°; Fort Madison, 39°, 82°. *Minnesota*—Minneapolis, 27°, 73°; Breckenridge, 25°, 74°. *Dakota*—Pembina, 21°, 76°; Fort Randall, 24°, 80°; Lower Brule Agency, 28° 81°. *Nebraska*—Fort McPherson, 5°, 80°; Camp Sheridan, 20°, 80°; De Soto, 32°, 86°. *Kansas*—Fort Hays, 29°, 86°; Creswell, 30°, 88°; Empire City, 40°, 96°. *New Mexico*—Fort Union, 15°, 78°; *Montana*—Virginia City, 19°, 65°. *Colorado*—Pike's Peak, —19°, 34°; Fort Garland, 6°, 70°; Denver, 29°, 80°. *Wyoming*—Fort Sanders, 12°, 65°; Camp Brown, 15°, 73°; Cheyenne, 19°, 71°. *Utah*—Coalville, 26°, 69°; Salt Lake City, 30°, 73°. *Idaho*—Boise City, 23°, 77°. *Nevada*—Winnemucca, 24°, 74°; Camp McDermit, 26°, 82°; Pioche, 21°, 75°. *California*—Santa Cruz, 36°, 70°; Red Bluff, 35°, 90°; Los Angeles, 41°, 80°. *Oregon*—Umatilla, 24°, 82°; Roseburg, 29°, 76°. *Arizona*—Tucson, 36°, 94°.

Ranges of Temperature.—The monthly ranges will appear from an examination of the minima and maxima temperatures just given. *Greatest daily ranges*,—vary in New England from 13°, least, on Mt. Washington to 36° at Boston; Middle Atlantic States, 16° at Cape May to 33° at Lynchburg; South Atlantic States, 19° at Cape Lookout to 33° at Augusta; East Gulf States, 14° at Key West to 39° at Montgomery; West Gulf States, 19° at Galveston to 36° at Shreveport and 46° at Fort Griffin; Ohio Valley and Tennessee, 23° at Cincinnati to 34° at Pittsburg; Lower Lake region, 22° at Oswego to 36° at Erie; Upper Lake region, 19° at Milwaukee to 27° at Duluth and Marquette; Upper Mississippi valley, 24° at St. Louis to 30° at Dubuque; Lower Missouri valley, 28° at Omaha to 41° at Yankton; Minnesota and Dakota, 24° at Bismarck to 42° at Pembina; Colorado, 34° on Pike's Peak to 41° at Denver; Utah, Nevada and Idaho, 29° at Salt Lake City to 40° at Winnemucca; California, 16° at San Francisco to 30° at Los Angeles and 41° at Red Bluff and Yuma.

Ice is reported to have formed as follows: *Dakota*, at Norristown, † in., 6th. *Missouri*, at Oregon, 3rd, 11th. *Nebraska*, at Geneva, 1st, 3rd, 4th. *Ohio*, at Westerville, 5th, 7th, 11th; at Urbana, † in., 5th. *Utah*, at Coalville, 10th, 24th. *Vermont*, at Stafford, 18th; at West Charlotte, 20th.

Frosts on the nights of the 24th and 25th of March injured vegetation as follows: in Clark Co., Va., peaches, cherries and other early blossoming fruits nearly all destroyed; at Hagerstown, Md., cherries, peaches and early fruit somewhat injured. On April 20th peach blossoms were injured at Winnemucca, Nev.; April 18th flowers were killed on low ground at Kensico, N. Y.

PRECIPITATION.

On chart No. III is illustrated the general distribution of the rain-fall, which includes the melted snow, for the month. On the left side of the same chart will be found a table giving the average precipitation for April by districts. Deficiencies have occurred in the Middle Atlantic States, Ohio valley, and at Portland, Or. In the remaining sections the fall has been above the average, especially in the South Atlantic States, Minnesota and Dakota.

Special Heavy Rains:—2nd, Gulf Hammock, Levy Co., Fla., (1st to 3rd,) 4.75 in.; Mayport, Fla., (1st to 3rd,) 3.00 in.; St. Augustine, Fla., (1st to 3rd,) 4.64 in. 4th, Goldsboro, N. C., (3rd, 4th,) 2.07 in.; Cape Henry, 2.53 in.; Cape Hatteras, 2.05 in. 7th, Indianola, 2.73 in. 8th, Galveston, 3.27 in.; Vicksburg, 2.40 in.; near Brookhaven, Miss., 2.10 in.; near Fayette, Miss., 2.50 in.; Fort Barrancas, Fla., 2.75 in. 9th, Tybee Island, (8 a. m. to 10 p. m.,) 4.36 in.; Savannah, 3.52 in.; Charleston, 5.26 in.; Gulf Hammock, Fla., 2.00 in.; Highlands, N. C., 3.00 in.; Daytona, Fla., (9th, 10th,) 2.70 in. 10th, Goldsboro, N. C., (9th, 10th,) 2.25 in.; Lenoir, N. C., (9th, 10th,) 2.20 in.; Breckenridge, (10th, 11th,) 5.12 in.; Vevay, Ind., 2.80 in.; Cape Hatteras, 2.83 in. 11th, Greenville, N. C., 3.00 in. 14th, Fort Rice, Dak., (14th to 16th,) 3.94 in. 15th, near Quitman, Ga., (14th, 15th,) 2.60 in.; St. Mark's, 3.69 in.; Shreveport, 2.92 in. 17th, Bismarck, 2.35 in.; Deadwood, 3.20 in.; Fort Randall, Dak., (15th to 17th,) 2.35 in.; 18th, near Fayette, Miss., 2.30 in.; 19th, Memphis, (19th and 20th,) 3.59 in.; Mt. Sterling, Ill., (in two hours,) 3.00 in. 21st, Elmira, Ill., 2.40 in.; Neillsville, Wis., (21st and 22nd,) 2.30 in.; Manitowac, Wis., (21st and 22nd,) 2.18 in.; Deadwood, (21st and 22nd,) 2.26 in.; Wautoma, Wis., 3.00 in. 22nd, Anna, Ill., (22nd and 23rd,) 2.35 in.; Indianapolis, 2.04 in.; Empire City, Kan., 2.75 in.; Baxter Springs, Kan., 3.10 in.; Melissa, Tex., 2.00 in.; Mt. Ida, Ark., (22nd and 23rd,) 2.60 in. 23rd, Peoria, Ill., 1.98 in.; McMinnville, Tenn., 2.60 in.; St. Louis, (22nd and 23rd, in about five hours,) 3.75 in.; Memphis, 3.98 in.; Nashville, 2.95 in.; Vicksburg, 2.93 in.; Judsonia, Ark., 2.10 in.; Springfield, Mo., (22nd and 23rd,) 4.40 in.; Lebanon, Mo., (21st to 24th,) 4.49 in.; near Brookhaven, Miss., 2.35 in.; near Fayette, Miss., 2.70 in.; Macon, Miss., 2.25 in.; Ft. Barrancas, Fla., 3.48 in.; Green Springs, Ala., 2.50 in. 24th, Mobile, 2.13 in.; Montgomery, 2.17 in.; Grand Rapids, Mich., 2.61 in.; Martinsville, Ill., (22nd to 24th,) 5.78 in. 25th, Cape Henry, Va., 2.50 in. 26th, Milton, Mass., (25th and 26th,) 2.20 in. 27th, Mt. Washington, (25th to 29th,) 9.50 in.; Wolfboro, N. H., (26th and 27th,) 2.50 in. 28th, Rowe, Mass., (27th and 28th,) 2.35 in.;

Hennepin, Ill., 2.60 in.; Mystic, Conn., 2.10 in. 29th, Worcester, Mass., (28th to 30th,) 3.44 in.; Waltham, Mass., (29th and 30th,) 3.08 in.; Southington, Conn., 2.50 in. 30th, Lawrence, Mass., (29th and 30th,) 2.69 in.; Dunbarton, N. H., 2.34 inches.

Largest Monthly Rain-falls.—Mt. Washington, 23.41 inches; Memphis, 11.93 in.; Cape Henry, Va., 9.39 in.; Savannah, 9.08 in.; Kittyhawk, N. C., 8.95 in.; Deadwood, Dak., 8.77 in.; Dunbarton, N. H., 8.73 in.; Mt. Ida, Ark., and Mt. Sterling, Ill., 8.60 in.; Gulf Hammock, Levy Co., Fla., 8.85 in.; St. Marks, Fla., 7.65 in.; Vicksburg, 7.13 in.; Martinsville, Ill., 8.42 in.; Springfield, Mo., 7.85 in.; Breckenridge, Minn., 7.77 in.; Cape Hatteras, 7.38 in.

Smallest Monthly Rain-falls.—Kit. Carson, Col., none; Umatilla, Or., 0.01 in.; Yuma, Cal., 0.02 in.; Denver, Col., 0.05 in.; Trinidad, Col., and Fort Davis, Tex., 0.09 in.; Fort Sanders, Wy. Ty., and Fort Richardson, Tex., 0.07 in.; Pilot Point, Tex., 0.11 in.; Edinburg, Tex., 0.13 in.; Sidney Barracks, Neb., 0.16 in.; Burkes, Arizona Ty., 0.17 in.; Cheyenne, Wy. Ty., 0.19 in.; Colorado Springs, Col., 0.20 in.

Floods.—16th and 17th, country covered with water in Suwanee Co., Fla., following heavy rains; corn and cotton seeds destroyed by rot. 21st, Deadwood, D. T., high water in rivers and creeks, damaging property; 26th, house washed away. 22nd and 23rd, St. Louis, heavy rain, cellars, &c., flooded; washout on Missouri Pacific R. R. 23rd, Memphis, heavy rain, bridges, culverts and railroad tracks swept away; all streams were bank full; the sawmills on Wolf river suffered considerably. Mobile, river rose, flooding wharves. 24th, Judsonia, Ark., river very high, slight overflows. 26th, Omaha, high water in Missouri river, (14 ft. 6 in.;) water partly covered flats, and submerged about 20 yards of the B. and M. railroad track. In Merrimac and Hillsborough Co., N. H., as follows: 14th to 30th, Contoocookville, river and creeks very high, farming delayed by excessive rains, also injury to mills and railroads; 30th, Dunbarton, rivers very high; Nashua, Merrimac river still rising, (now 13 ft. above high water mark;) Nashua river very high; Souhegan river very high, flats at Danforth's Corners flooded. 30th, Sacramento, Cal., submerged portion of city now uncovered, river within its natural banks, gauge reading 19 ft. 9 in.; Washington also uncovered.

Droughts.—Crops were reported as suffering for want of rain on the 17th at Melissa, Tex.; 24th, Decatur, Tex.; 30th, in northern portion of Missouri.

High Tides.—3rd, Portsmouth, N. C., island partly submerged. 16th, Charleston, very high; Portsmouth, N. C., making roads impassable. 30th, Indianola.

Hail.—1st, Utah. 3rd, Iowa, Tenn. 4th, Kan. 6th, Pa., and at Greencastle 1 inch in diameter. 7th, Cal. 8th, Utah. 9th, Tenn.; Martinsville, Ind., 1 inch in diameter. 10th, Iowa, N. C. 11th, N. C., S. C., Va.; Fayetteville, N. C., size of partridge and hen's eggs, destroying fruit and vegetables, and killing poultry. 12th, N. Y. 13th, Ind. T., Wy. T., Iowa, Kan., Neb., British Col., Or.; Cottonwood Falls and Emporia, Kan., 2 to 3 inches in diameter, destroying considerable grain. 14th, Wy. T., Ark., Cal., Ill., Miss., Tex. 25th, Neb., Wy. T., Kan., Cal., British Col. 16th, Kan., Neb., Minn., Nev. 17th, Dak., Neb., Cal., Kan., Utah. 18th, Neb., Nev., Miss., Wis. 19th, Ill., Iowa, Mich., Tex., Minn., Pa. 20th, Cal., Dak., N. J., N. Y., Cal., Utah; near Northport, Mich., as large as hickory nuts, 18 inches deep at places. 21st, Ill., Iowa, N. C., Neb.; Osceola, Ill., ten inches in circumference. 22nd, Cal., Mo., N. Y., Ohio, Ind. Ty., Tex., Minn. 23rd, Ohio, Wy. Ty., Tex., Tenn.; at Fort Sill, Ind. Ty., ground covered, stones as large as walnuts. 24th, Ind., N. Y., N. C., Ohio, Pa. 25th, Ind., Ky., Ohio, Nev.; Louisville, Ky., considerable damage to fruit trees. 26th, Md., N. J., N. Y., N. C., Pa.; near Woodstock, Md., ground completely covered. 27th, Col., Md., Iowa, Mich., Y., Ohio, Pa., Va. 28th, Del., Md., N. Y., N. C., Ohio, Col., Tex., Va., Pa.; near Woodstock, Md., 6 inches deep on a level. 29th, Del., Mass., N. J., N. Y. 30th, Kan.; Creswell, Kan., 1 to 2 inches diameter.

Rainy Days.—The number of days on which rain or snow has fallen, varies as follows: New England, 15 to 23; Middle Atlantic States, 9 to 19; South Atlantic States, 7 to 14; Gulf States, 3 to 11; Ohio valley and Tennessee, 11 to 16; Lower Lake region, 13 to 17; Upper Lake region, 11 to 17; Upper Mississippi valley, 11 to 19; Lower Missouri valley, 8 to 13; at Bismarck and Deadwood, Dakota, 19; from western Kansas and Nebraska to Nevada and Idaho, 5 to 10; California, 4 to 10.

Cloudy Days.—For New England the number varies from 15 to 24; Middle Atlantic States, 6 to 18; South Atlantic States, 6 to 10; Gulf States, 2 to 13; western Texas, 2 to 9; Ohio valley and Tennessee, 6 to 17; Lower Lakes, 8 to 14; Upper Lakes, 7 to 15; Upper Mississippi valley, 5 to 17; Lower Missouri valley, 5 to 14; Minnesota and Dakota, 10 to 15; Rocky Mountain region, 3 to 11; California, 3 to 10.

Snow.—In northern New England it fell on the 1st, 2nd, 5th, 6th, 7th; western Virginia, 3rd, 5th; Upper Michigan, 5th; Minnesota, 8th, 10th, 11th; western Dakota, 9th to 22nd; western Nebraska, 8th to 18th; New Mexico, 17th, 22nd; Colorado, 8th, 9th; Wyoming, 7th to 9th, 12th to 22nd, 24th to 30th; Utah, 14th to 17th, 19th to 21st, 26th; Idaho, 12th, 13th, 20th; Nevada, 9th, 13th to 17th, 19th to 22nd, 26th; California, on mountains, 13th, 14th, 16th, 19th, 20th.

Depth of Snow at Close of Month.—The following are the only stations reporting snow: Los Angeles, Cal., visible on mountains; summit of Pike's Peak, 24 inches in depth.